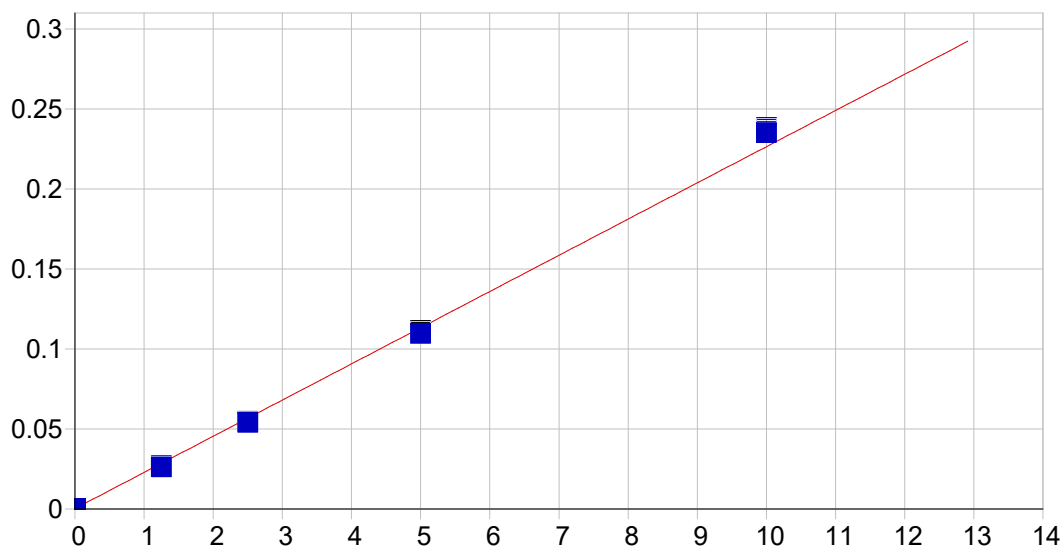


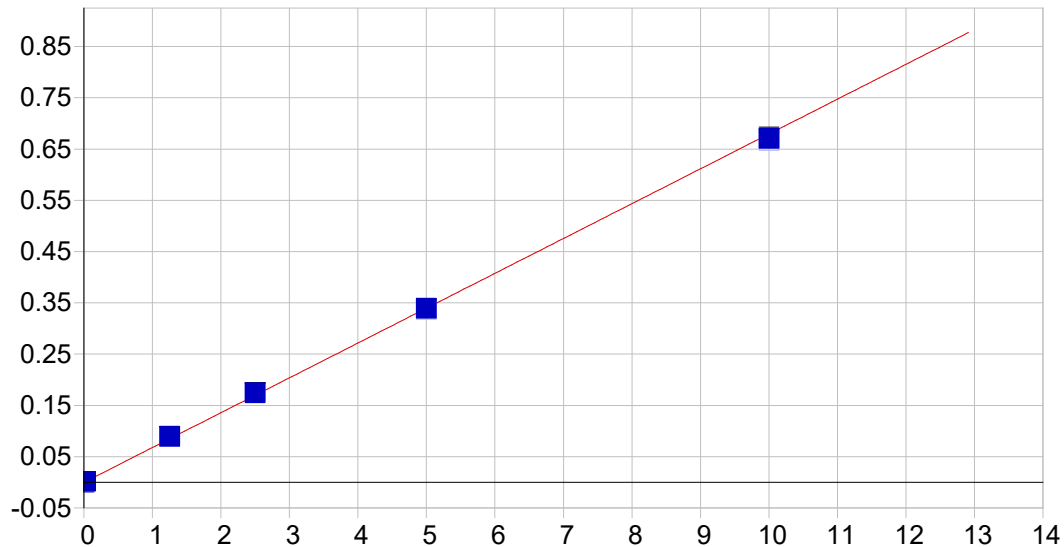


**As 189.042 {479}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000229 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.022619 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999092 | Status:   | OK.      |
| Std Error of Est: | 0.000016 |           |          |
| Predicted MDL:    | 0.010096 |           |          |
| Predicted MQL:    | 0.033655 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .01000       | .01210      | .002       | 21.0    | .00050 | .000    | 1        |
| S2        | 1.2500       | 1.1515      | -.099      | -7.88   | .02661 | .000    | 1        |
| S3        | 2.5000       | 2.3748      | -.125      | -5.01   | .05462 | .000    | 1        |
| S4        | 5.0000       | 4.8345      | -.165      | -3.31   | .11094 | .001    | 1        |
| S5        | 10.000       | 10.387      | .387       | 3.87    | .23789 | .001    | 1        |

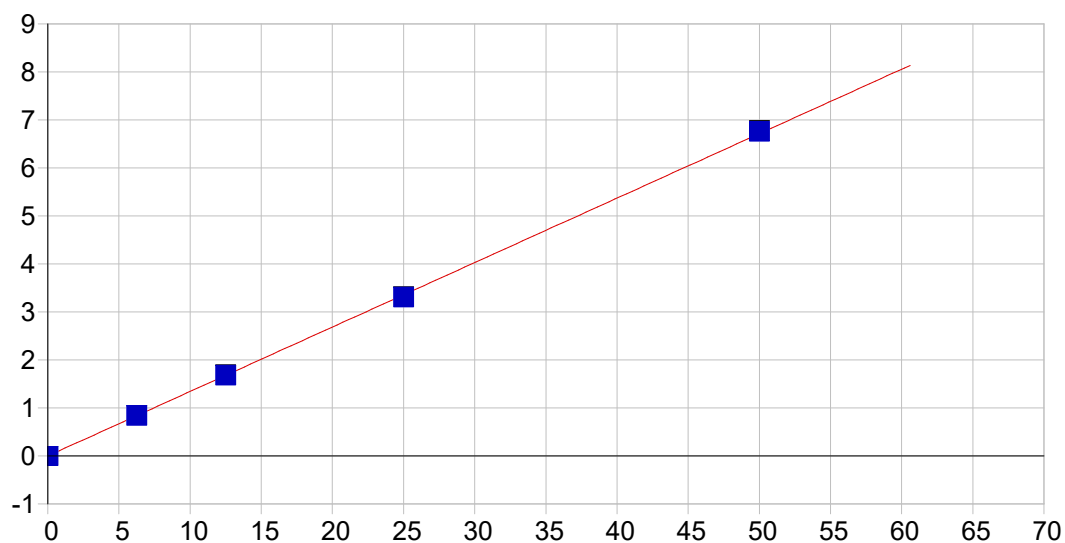


**TI 190.856 {477}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000  
 A1 (Gain): 0.067960 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999795 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.003087  
 Predicted MQL: 0.010291

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .02500       | .02631      | .001       | 5.25    | .00150  | .000    | 1        |
| S2        | 1.2500       | 1.3171      | .067       | 5.36    | .08868  | .000    | 1        |
| S3        | 2.5000       | 2.5744      | .074       | 2.97    | .17354  | .000    | 1        |
| S4        | 5.0000       | 4.9865      | -.014      | -.271   | .33630  | .001    | 1        |
| S5        | 10.000       | 9.8708      | -.129      | -1.29   | .66590  | .003    | 1        |

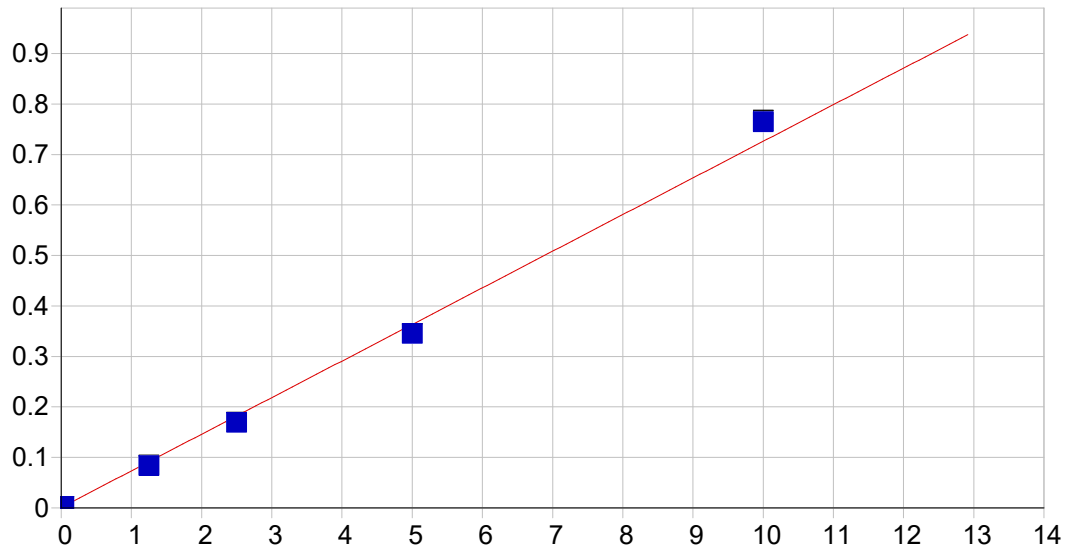


### Pb 220.353 {453}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000  
 A1 (Gain): 0.134265 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999954 Status: OK.  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.003390  
 Predicted MQL: 0.011300

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00015 | .000    | 1        |
| S1        | .01000       | .00845      | -.002      | -15.5   | .00099  | .000    | 1        |
| S2        | 6.2500       | 6.2475      | -.003      | -.040   | .83846  | .001    | 1        |
| S3        | 12.500       | 12.519      | .019       | .153    | 1.6803  | .003    | 1        |
| S4        | 25.000       | 24.621      | -.379      | -1.51   | 3.3048  | .006    | 1        |
| S5        | 50.000       | 50.363      | .363       | .727    | 6.7602  | .014    | 1        |

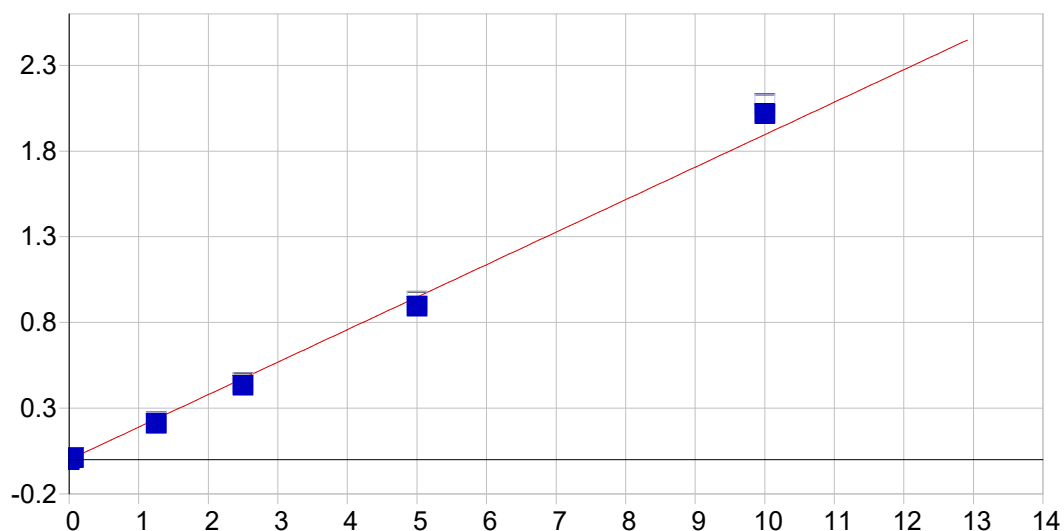


Se 196.090 {472}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000838 Re-Slope: 1.000000  
 A1 (Gain): 0.072517 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998270 Status: OK.  
 Std Error of Est: 0.000134  
 Predicted MDL: 0.005556  
 Predicted MQL: 0.018519

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00084 | .000    | 1        |
| S1        | .03500       | .02658      | -.008      | -24.1   | .00276 | .000    | 1        |
| S2        | 1.2500       | 1.1456      | -.104      | -8.35   | .08374 | .001    | 1        |
| S3        | 2.5000       | 2.3236      | -.176      | -7.06   | .16899 | .000    | 1        |
| S4        | 5.0000       | 4.7492      | -.251      | -5.02   | .34454 | .000    | 1        |
| S5        | 10.000       | 10.540      | .540       | 5.40    | .76378 | .003    | 1        |

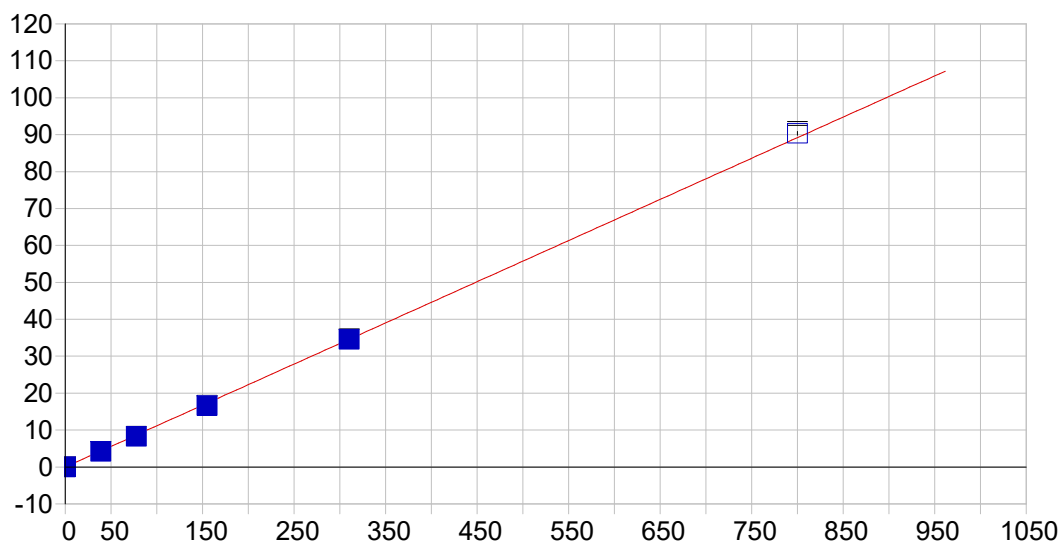


**Sb 206.833 {463}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000  
 A1 (Gain): 0.189565 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997738 Status: OK.  
 Std Error of Est: 0.000541  
 Predicted MDL: 0.002580  
 Predicted MQL: 0.008601

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .06000       | .05499      | -.005      | -8.35   | .01036  | .000    | 1        |
| S2        | 1.2500       | 1.1138      | -.136      | -10.9   | .21807  | .001    | 1        |
| S3        | 2.5000       | 2.2874      | -.213      | -8.51   | .44752  | .001    | 1        |
| S4        | 5.0000       | 4.7147      | -.285      | -5.71   | .92164  | .002    | 1        |
| S5        | 10.000       | 10.639      | .639       | 6.39    | 2.0727  | .003    | 1        |

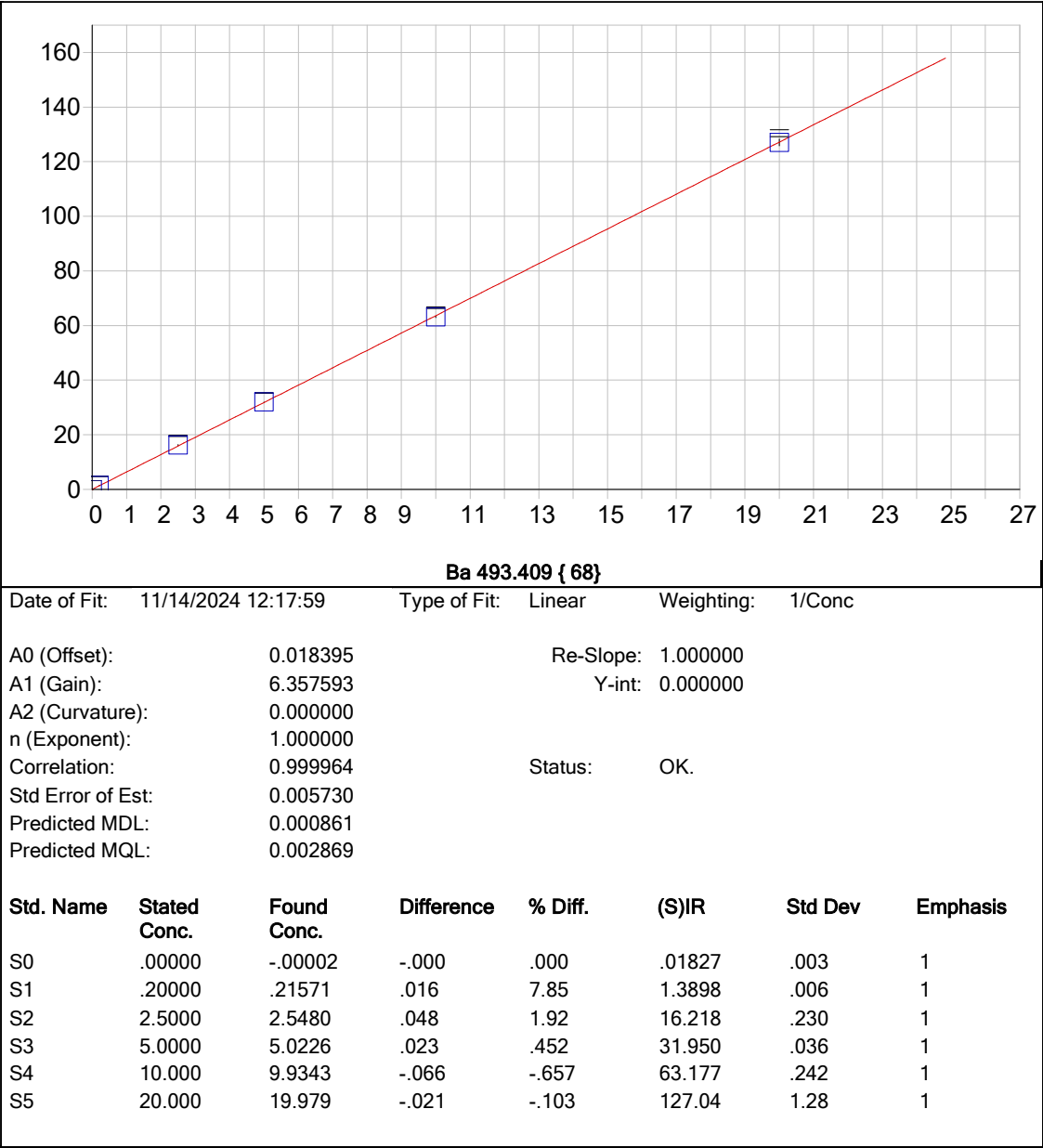


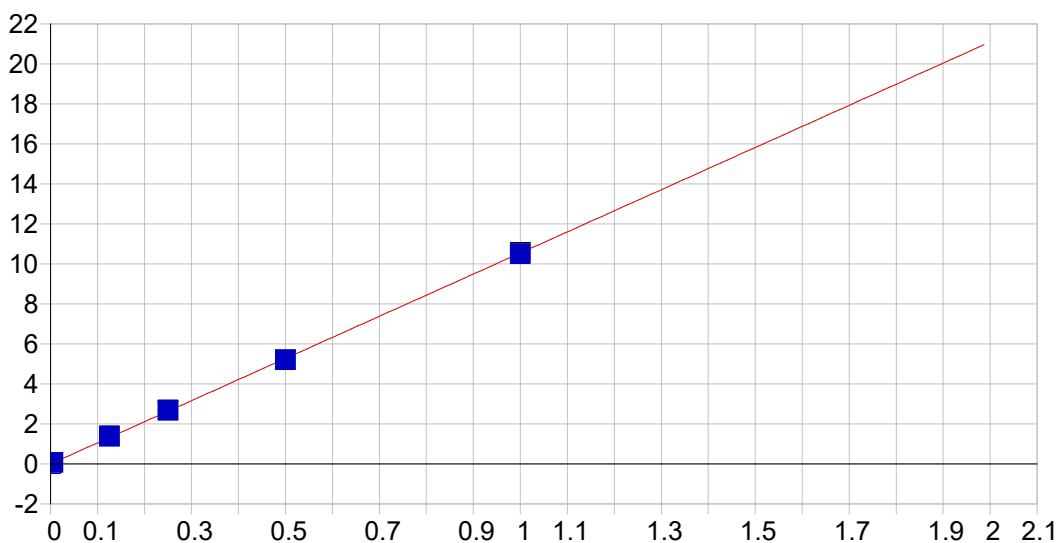
AI 396.152 { 85}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000788 Re-Slope: 1.000000  
A1 (Gain): 0.111493 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999799 Status: OK.  
Std Error of Est: 0.001392  
Predicted MDL: 0.014555  
Predicted MQL: 0.048516

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00005      | .000       | .000    | -.00078 | .001    | 1        |
| S1        | .20000       | .17454      | -.025      | -12.7   | .01871  | .001    | 1        |
| S2        | 38.750       | 37.575      | -1.17      | -3.03   | 4.1938  | .062    | 1        |
| S3        | 77.500       | 74.303      | -3.20      | -4.13   | 8.2938  | .021    | 1        |
| S4        | 155.00       | 148.81      | -6.19      | -4.00   | 16.611  | .069    | 1        |
| S5        | 310.00       | 310.07      | .071       | .023    | 34.611  | .066    | 1        |
| S6        | 800.00       | 810.53      | 10.5       | 1.32    | 90.368  | .494    | 1        |



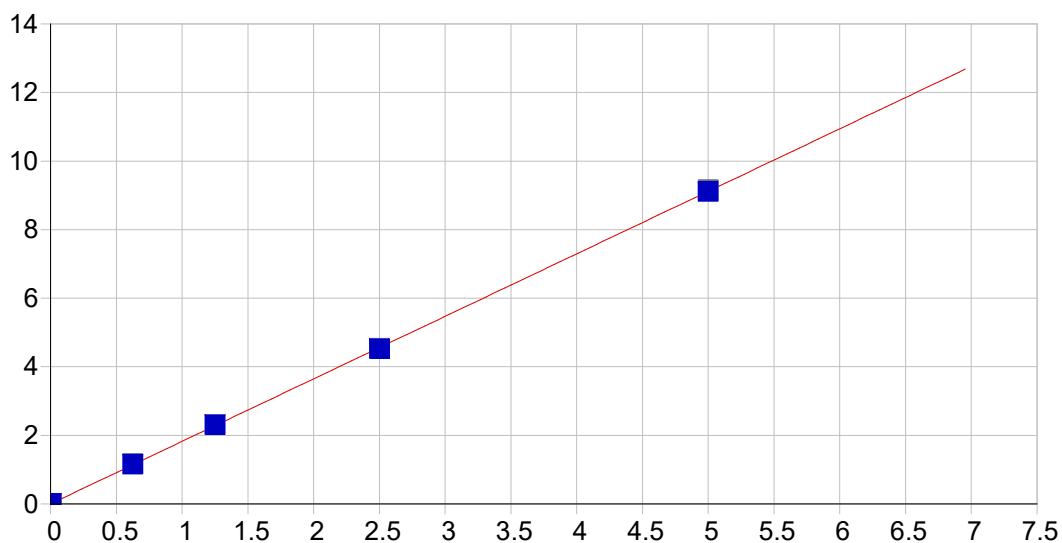


**Be 234.861 {144}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001202 Re-Slope: 1.000000  
 A1 (Gain): 10.546929 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999896 Status: OK.  
 Std Error of Est: 0.000569  
 Predicted MDL: 0.000093  
 Predicted MQL: 0.000310

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00121 | .000    | 1        |
| S1        | .00500       | .00551      | .001       | 10.2    | .05689  | .001    | 1        |
| S2        | .12500       | .12990      | .005       | 3.92    | 1.3667  | .021    | 1        |
| S3        | .25000       | .25380      | .004       | 1.52    | 2.6714  | .012    | 1        |
| S4        | .50000       | .49381      | -.006      | -1.24   | 5.1984  | .006    | 1        |
| S5        | 1.0000       | .99698      | -.003      | -.302   | 10.497  | .054    | 1        |

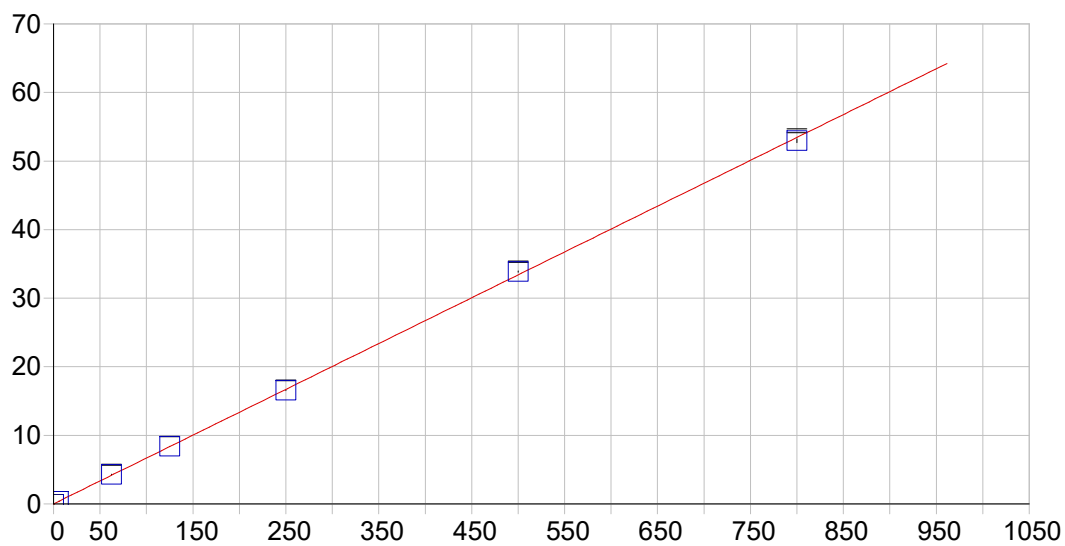


**Cd 214.438 {457}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000870 Re-Slope: 1.000000  
 A1 (Gain): 1.823386 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000107  
 Predicted MDL: 0.000151  
 Predicted MQL: 0.000504

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00087 | .000    | 1        |
| S1        | .00500       | .00538      | .000       | 7.58    | .01068 | .000    | 1        |
| S2        | .62500       | .63265      | .008       | 1.22    | 1.1572 | .002    | 1        |
| S3        | 1.2500       | 1.2655      | .015       | 1.24    | 2.3138 | .002    | 1        |
| S4        | 2.5000       | 2.4812      | -.019      | -.751   | 4.5360 | .001    | 1        |
| S5        | 5.0000       | 4.9953      | -.005      | -.095   | 9.1311 | .023    | 1        |

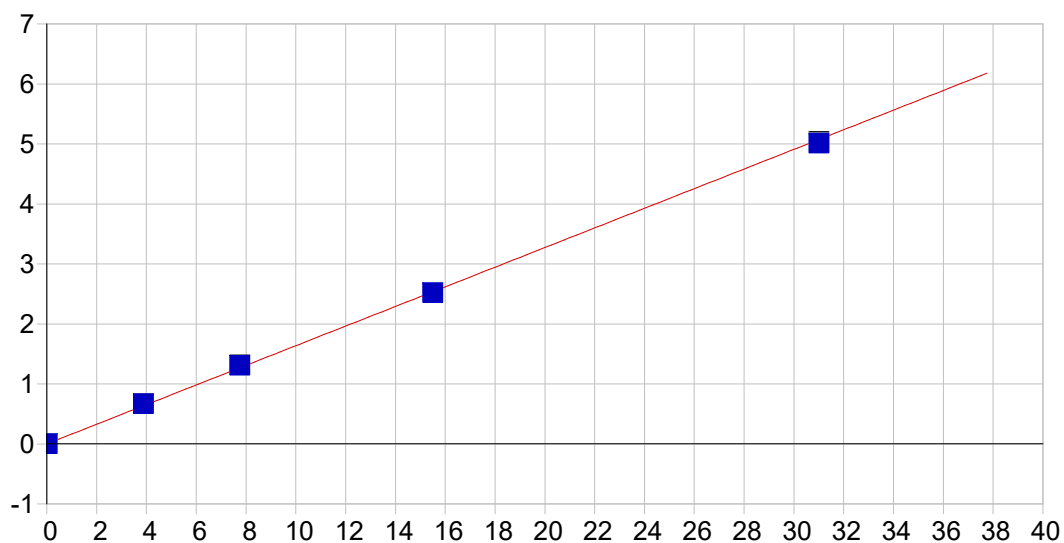


Ca 373.690 { 90}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007557 Re-Slope: 1.000000  
A1 (Gain): 0.066794 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999920 Status: OK.  
Std Error of Est: 0.002950  
Predicted MDL: 0.019103  
Predicted MQL: 0.063676

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00060     | -.001      | .000    | .00752 | .001    | 1        |
| S1        | 5.0000       | 5.4854      | .485       | 9.71    | .37395 | .002    | 1        |
| S2        | 62.500       | 63.965      | 1.47       | 2.34    | 4.2800 | .075    | 1        |
| S3        | 125.00       | 125.32      | .320       | .256    | 8.3781 | .036    | 1        |
| S4        | 250.00       | 247.72      | -2.28      | -.914   | 16.553 | .046    | 1        |
| S5        | 500.00       | 507.36      | 7.36       | 1.47    | 33.896 | .098    | 1        |
| S6        | 800.00       | 792.66      | -7.34      | -.918   | 52.952 | .272    | 1        |

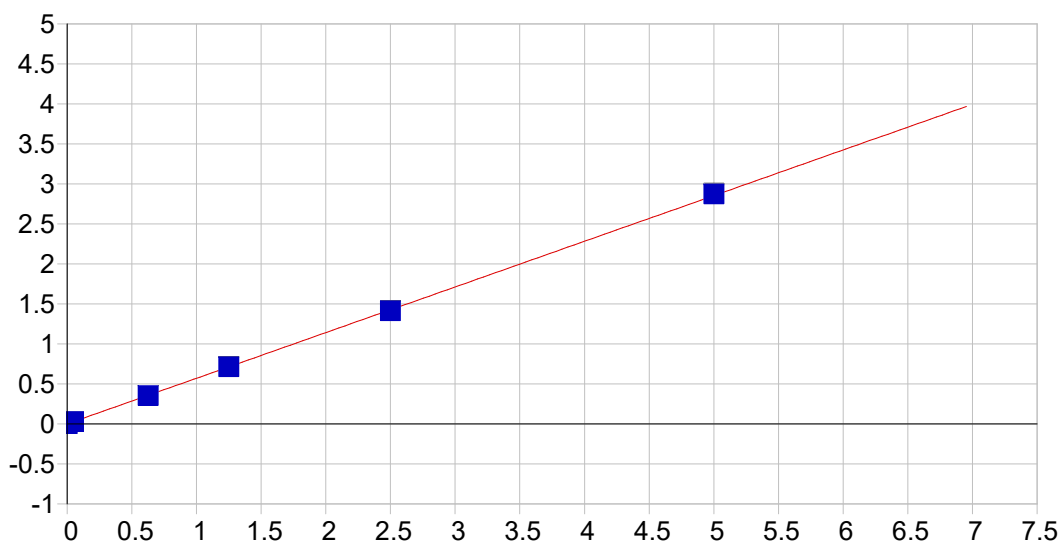


### Cr 267.716 {126}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000  
 A1 (Gain): 0.163632 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999788 Status: OK.  
 Std Error of Est: 0.000100  
 Predicted MDL: 0.001021  
 Predicted MQL: 0.003403

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .01000       | .01093      | .001       | 9.34    | .00185 | .000    | 1        |
| S2        | 3.8750       | 4.0894      | .214       | 5.53    | .66993 | .001    | 1        |
| S3        | 7.7500       | 7.9972      | .247       | 3.19    | 1.3101 | .002    | 1        |
| S4        | 15.500       | 15.403      | -.097      | -.626   | 2.5233 | .001    | 1        |
| S5        | 31.000       | 30.635      | -.365      | -1.18   | 5.0185 | .018    | 1        |

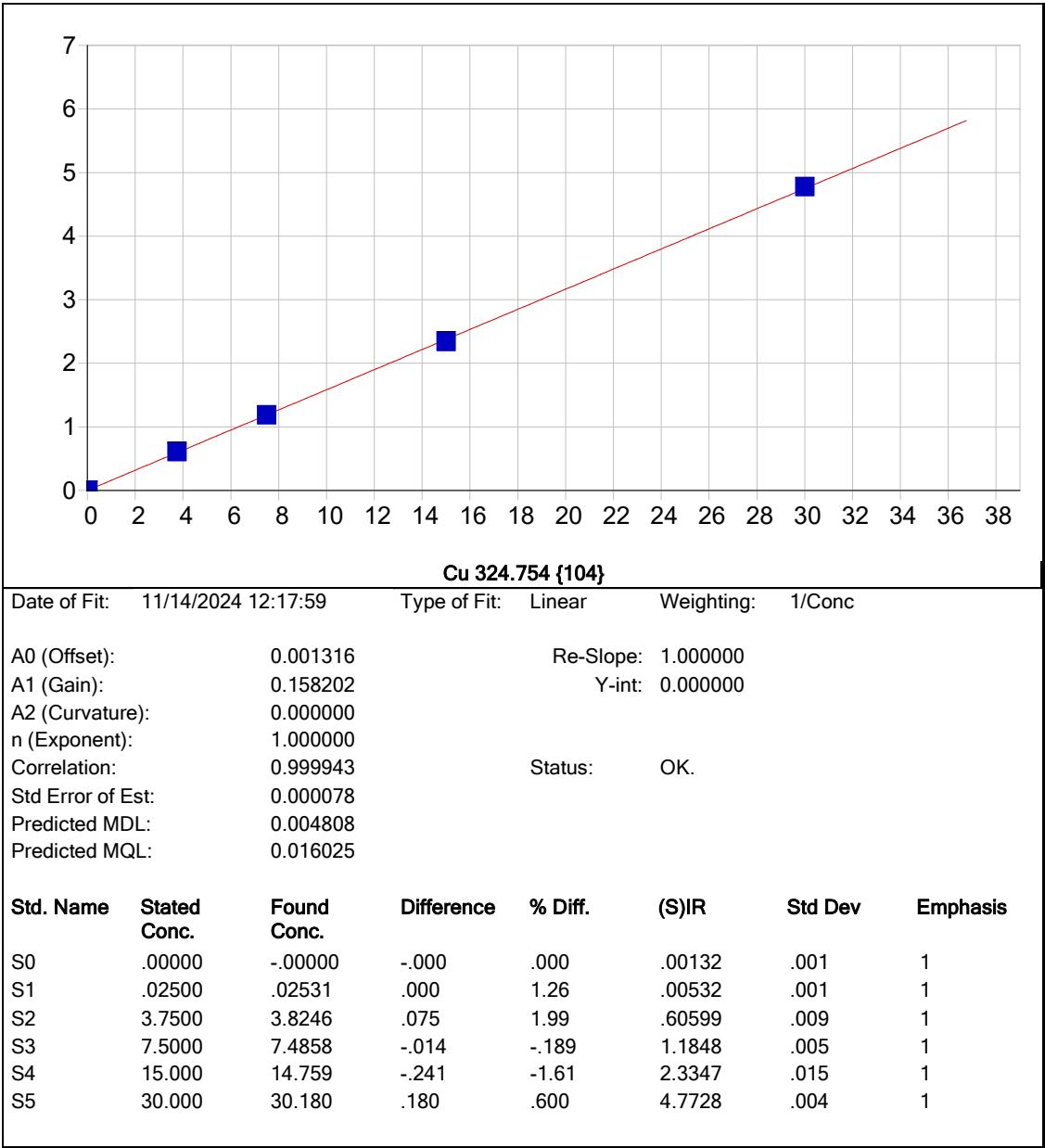


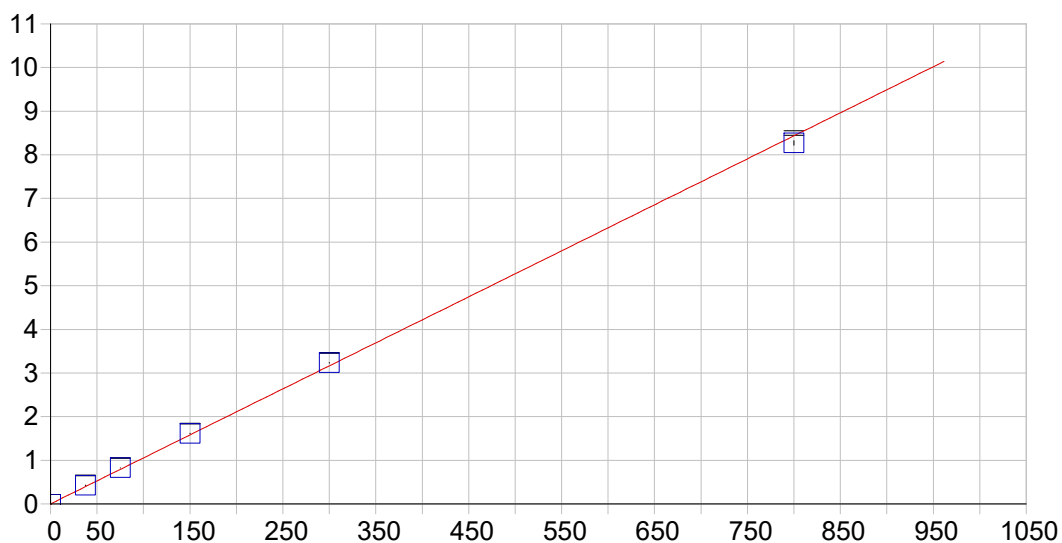
Co 228.616 {448}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000  
A1 (Gain): 0.570696 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999972 Status: OK.  
Std Error of Est: 0.000114  
Predicted MDL: 0.000556  
Predicted MQL: 0.001854

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00005 | .000    | 1        |
| S1        | .05000       | .05011      | .000       | .213    | .02864  | .000    | 1        |
| S2        | .62500       | .62038      | -.005      | -.739   | .35443  | .001    | 1        |
| S3        | 1.2500       | 1.2494      | -.001      | -.052   | .71382  | .001    | 1        |
| S4        | 2.5000       | 2.4729      | -.027      | -1.08   | 1.4130  | .001    | 1        |
| S5        | 5.0000       | 5.0322      | .032       | .644    | 2.8753  | .008    | 1        |



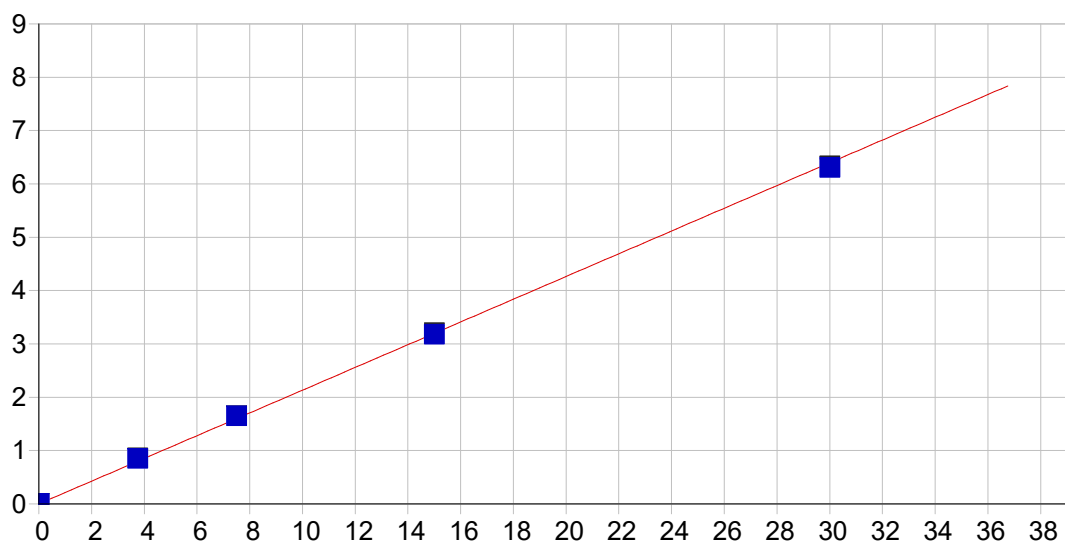


### Fe 259.837 {130}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000227 Re-Slope: 1.000000  
 A1 (Gain): 0.010545 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999688 Status: OK.  
 Std Error of Est: 0.000115  
 Predicted MDL: 0.034802  
 Predicted MQL: 0.116006

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .10000       | .08724      | -.013      | -12.8   | .00115 | .000    | 1        |
| S2        | 37.500       | 40.269      | 2.77       | 7.38    | .42485 | .006    | 1        |
| S3        | 75.000       | 78.384      | 3.38       | 4.51    | .82675 | .005    | 1        |
| S4        | 150.00       | 152.85      | 2.85       | 1.90    | 1.6120 | .008    | 1        |
| S5        | 300.00       | 306.46      | 6.46       | 2.15    | 3.2318 | .008    | 1        |
| S6        | 800.00       | 784.55      | -15.5      | -1.93   | 8.2729 | .050    | 1        |

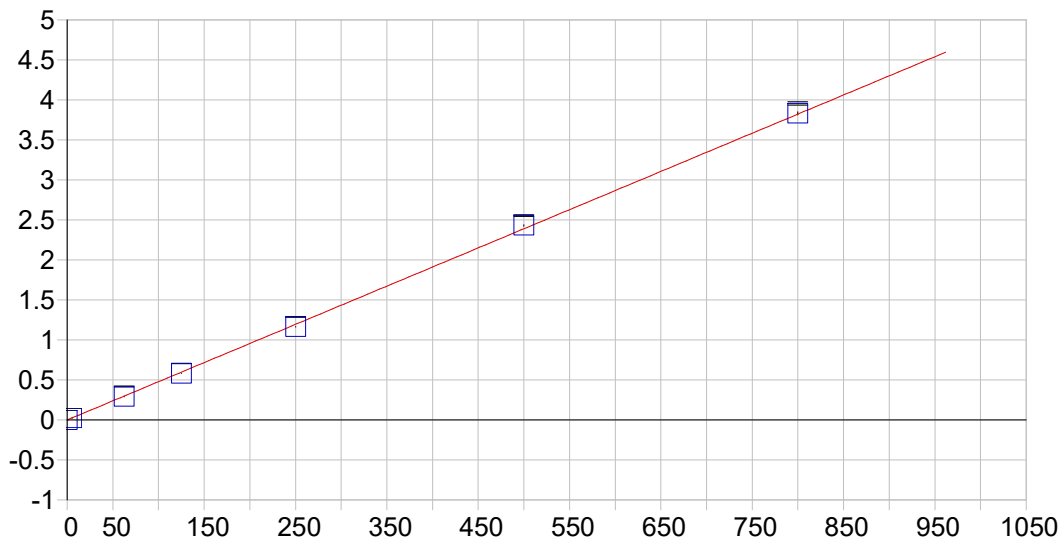


**Mn 257.610 {131}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000203 Re-Slope: 1.000000  
 A1 (Gain): 0.213205 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999735 Status: OK.  
 Std Error of Est: 0.000175  
 Predicted MDL: 0.001810  
 Predicted MQL: 0.006032

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00020 | .000    | 1        |
| S1        | .01500       | .01633      | .001       | 8.88    | .00369 | .000    | 1        |
| S2        | 3.7500       | 3.9895      | .239       | 6.39    | .85090 | .009    | 1        |
| S3        | 7.5000       | 7.7504      | .250       | 3.34    | 1.6529 | .000    | 1        |
| S4        | 15.000       | 14.922      | -.078      | -.520   | 3.1821 | .020    | 1        |
| S5        | 30.000       | 29.587      | -.413      | -1.38   | 6.3092 | .025    | 1        |

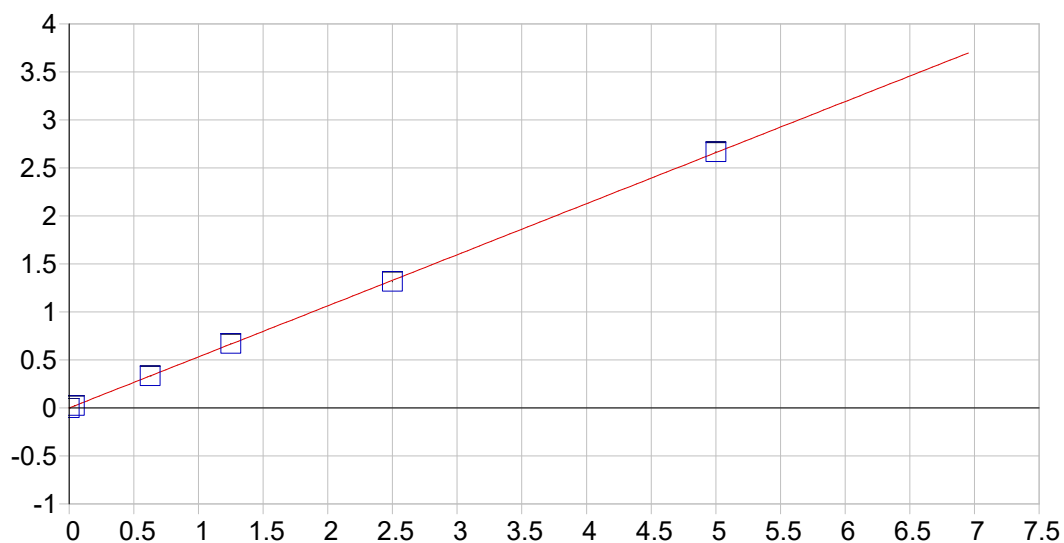


**Mg 279.079 {121}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000359 Re-Slope: 1.000000  
 A1 (Gain): 0.004779 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000261  
 Predicted MDL: 0.089181  
 Predicted MQL: 0.297271

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00005      | .000       | .000    | -.00036 | .000    | 1        |
| S1        | 5.0000       | 5.2012      | .201       | 4.02    | .02450  | .000    | 1        |
| S2        | 62.500       | 61.270      | -1.23      | -1.97   | .29243  | .006    | 1        |
| S3        | 125.00       | 121.76      | -3.24      | -2.59   | .58149  | .001    | 1        |
| S4        | 250.00       | 243.78      | -6.22      | -2.49   | 1.1646  | .005    | 1        |
| S5        | 500.00       | 508.68      | 8.68       | 1.74    | 2.4305  | .009    | 1        |
| S6        | 800.00       | 801.81      | 1.81       | .226    | 3.8313  | .020    | 1        |

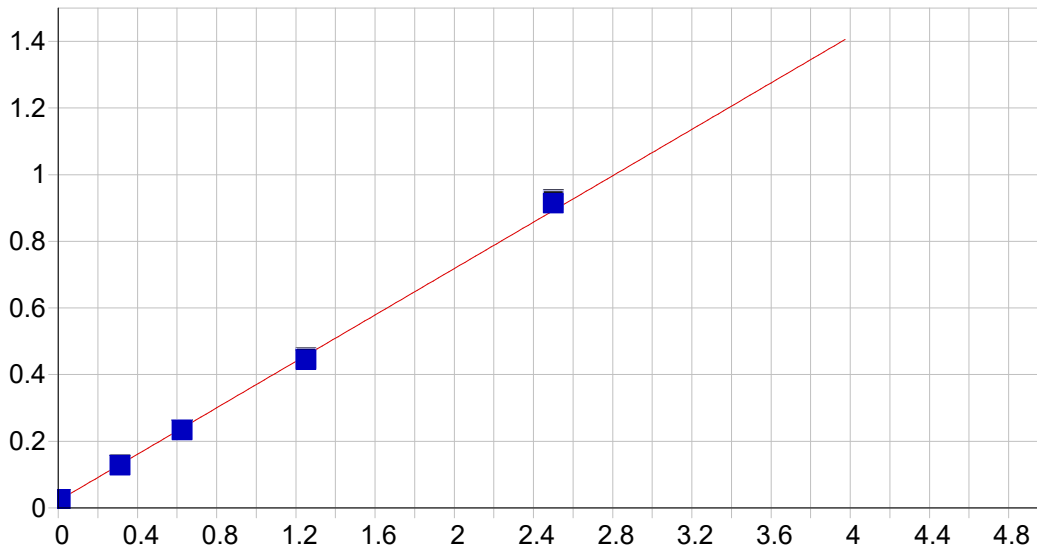


# **Ni 231.604 {446}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000020 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.531796 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999970 | Status:   | OK.      |
| Std Error of Est: | 0.000098 |           |          |
| Predicted MDL:    | 0.000635 |           |          |
| Predicted MQL:    | 0.002117 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .04000       | .04268      | .003       | 6.69    | .02272 | .000    | 1        |
| S2        | .62500       | .62895      | .004       | .632    | .33449 | .000    | 1        |
| S3        | 1.2500       | 1.2582      | .008       | .655    | .66912 | .002    | 1        |
| S4        | 2.5000       | 2.4736      | -.026      | -1.06   | 1.3154 | .002    | 1        |
| S5        | 5.0000       | 5.0116      | .012       | .233    | 2.6652 | .006    | 1        |

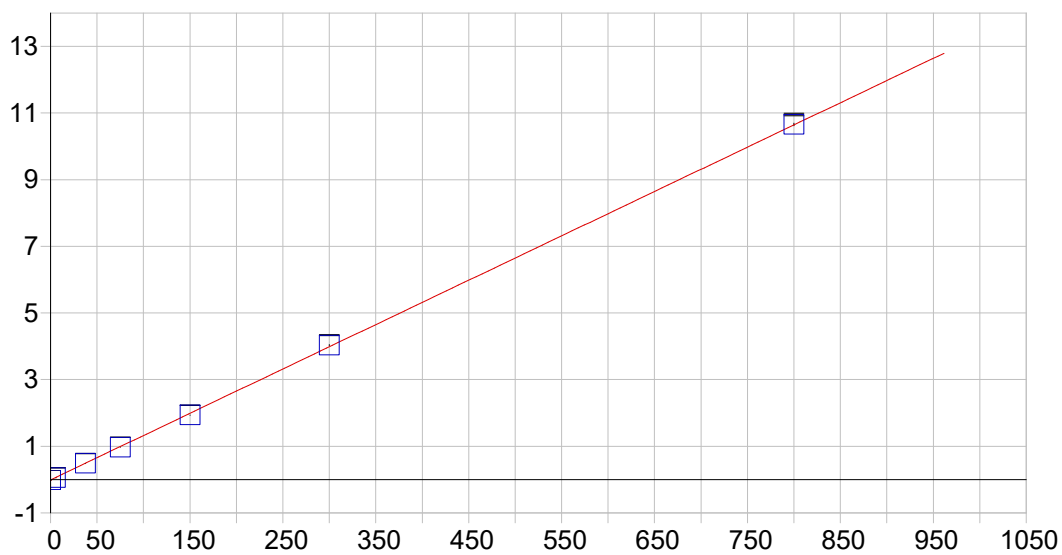


**Ag 328.068 {103}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.021830 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.348232 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999629 | Status:   | OK.      |
| Std Error of Est: | 0.000080 |           |          |
| Predicted MDL:    | n/a      |           |          |
| Predicted MQL:    | n/a      |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .02183 | .000    | 1        |
| S1        | .01000       | .01123      | .001       | 12.3    | .02573 | .000    | 1        |
| S2        | .31250       | .30336      | -.009      | -2.93   | .12864 | .000    | 1        |
| S3        | .62500       | .60619      | -.019      | -3.01   | .23527 | .000    | 1        |
| S4        | 1.2500       | 1.2143      | -.036      | -2.85   | .44939 | .001    | 1        |
| S5        | 2.5000       | 2.5624      | .062       | 2.50    | .92352 | .003    | 1        |

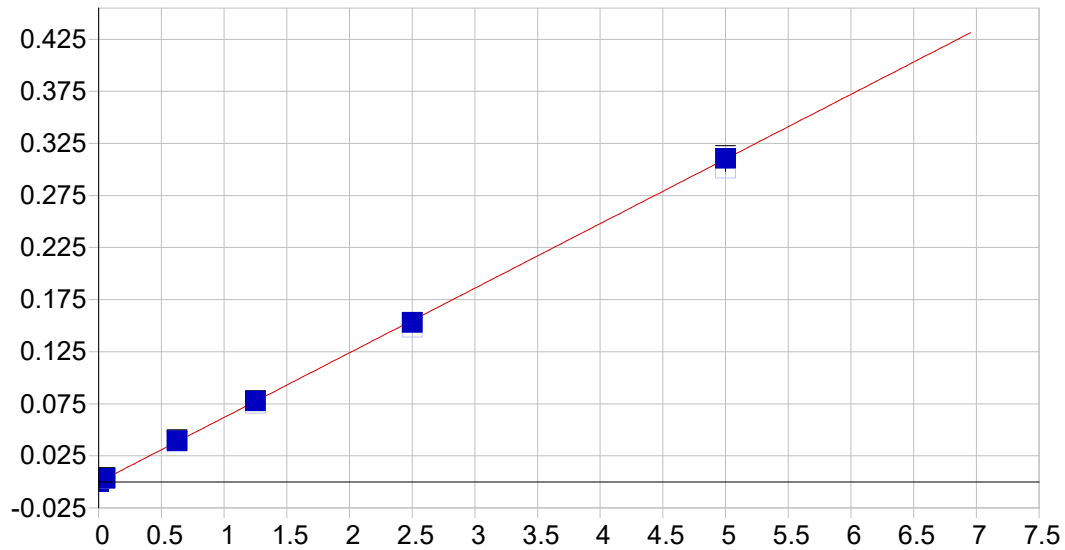


**Na 818.326 { 41}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.009154 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.013315  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999933  | Status:   | OK.      |
| Std Error of Est: | 0.000477  |           |          |
| Predicted MDL:    | 0.291784  |           |          |
| Predicted MQL:    | 0.972614  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | -.00915 | .002    | 1        |
| S1        | 5.0000       | 5.2164      | .216       | 4.33    | .06030  | .000    | 1        |
| S2        | 37.500       | 37.266      | -.234      | -.624   | .48705  | .006    | 1        |
| S3        | 75.000       | 73.642      | -1.36      | -1.81   | .97140  | .004    | 1        |
| S4        | 150.00       | 146.19      | -3.81      | -2.54   | 1.9373  | .006    | 1        |
| S5        | 300.00       | 303.84      | 3.84       | 1.28    | 4.0365  | .012    | 1        |
| S6        | 800.00       | 801.35      | 1.35       | .168    | 10.661  | .040    | 1        |

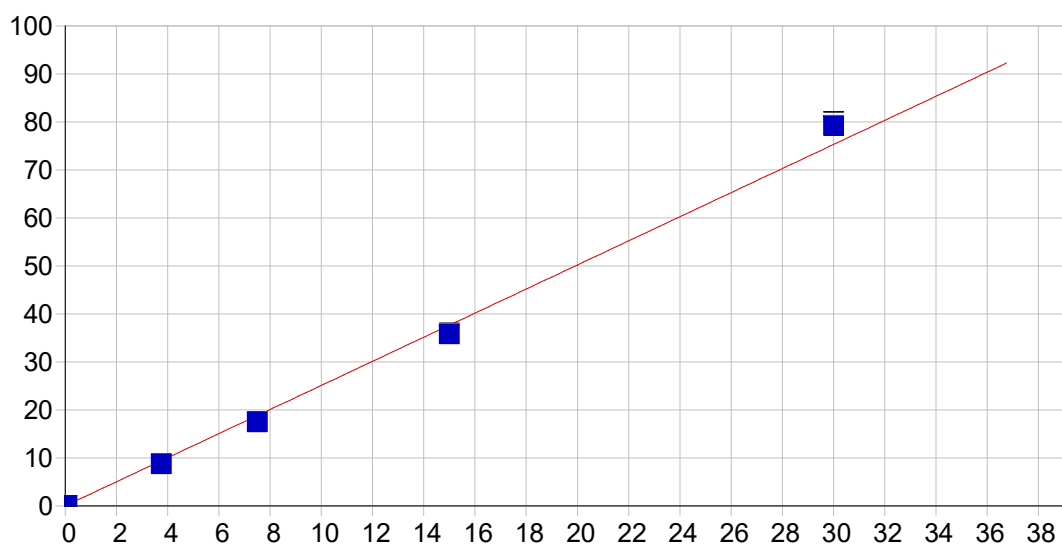


V 292.402 {115}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000  
 A1 (Gain): 0.062058 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999890 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.012166  
 Predicted MQL: 0.040552

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00019 | .000    | 1        |
| S1        | .05000       | .05792      | .008       | 15.8    | .00340  | .000    | 1        |
| S2        | .62500       | .63824      | .013       | 2.12    | .03823  | .001    | 1        |
| S3        | 1.2500       | 1.2547      | .005       | .374    | .07529  | .000    | 1        |
| S4        | 2.5000       | 2.4685      | -.031      | -1.26   | .14824  | .000    | 1        |
| S5        | 5.0000       | 5.0054      | .005       | .108    | .30091  | .003    | 1        |

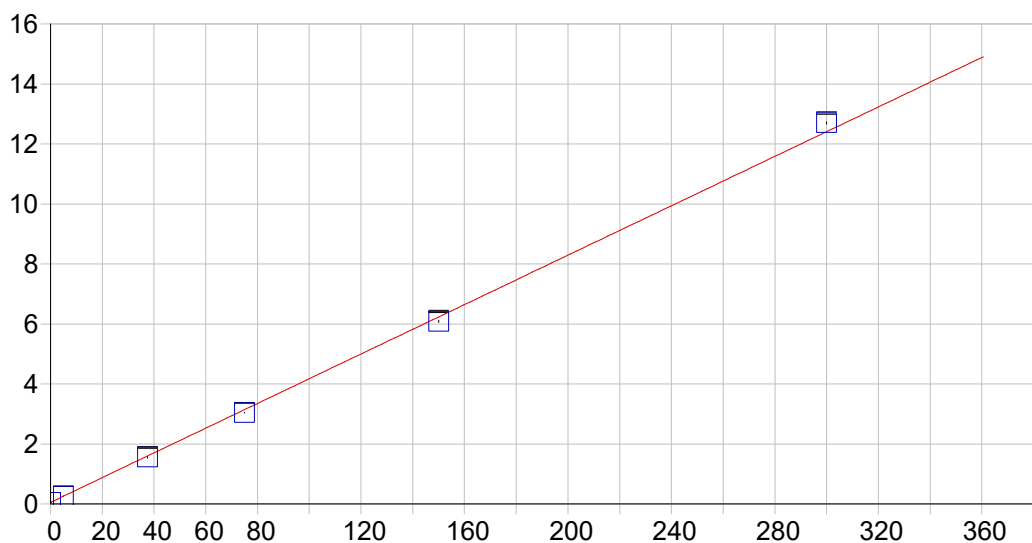


### Zn 213.856 {158}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006522 Re-Slope: 1.000000  
 A1 (Gain): 2.509704 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998421 Status: OK.  
 Std Error of Est: 0.010060  
 Predicted MDL: 0.000501  
 Predicted MQL: 0.001671

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00655 | .001    | 1        |
| S1        | .06000       | .05618      | -.004      | -6.36   | .14825 | .001    | 1        |
| S2        | 3.7500       | 3.4715      | -.279      | -7.43   | 8.7304 | .022    | 1        |
| S3        | 7.5000       | 6.9494      | -.551      | -7.34   | 17.470 | .116    | 1        |
| S4        | 15.000       | 14.268      | -.732      | -4.88   | 35.861 | .160    | 1        |
| S5        | 30.000       | 31.565      | 1.57       | 5.22    | 79.317 | .777    | 1        |

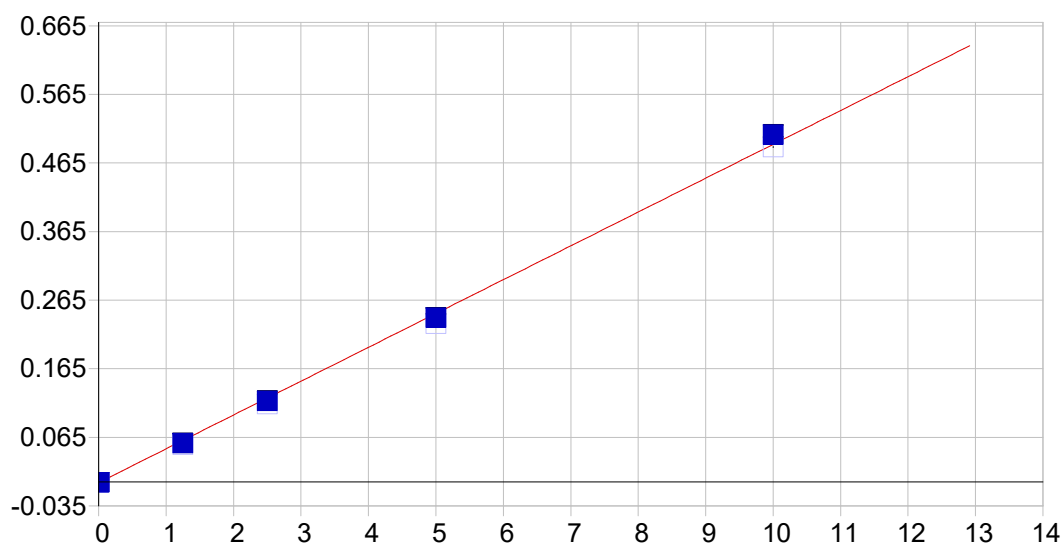


K 769.896 { 44 }

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.054057 Re-Slope: 1.000000  
 A1 (Gain): 0.041184 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999686 Status: OK.  
 Std Error of Est: 0.002127  
 Predicted MDL: 0.123045  
 Predicted MQL: 0.410149

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00033      | .000       | .000    | .05407 | .003    | 1        |
| S1        | 5.0000       | 4.9640      | -.036      | -.720   | .25849 | .004    | 1        |
| S2        | 37.500       | 36.493      | -1.01      | -2.69   | 1.5570 | .027    | 1        |
| S3        | 75.000       | 72.564      | -2.44      | -3.25   | 3.0425 | .008    | 1        |
| S4        | 150.00       | 146.44      | -3.56      | -2.37   | 6.0850 | .033    | 1        |
| S5        | 300.00       | 307.04      | 7.04       | 2.35    | 12.699 | .033    | 1        |

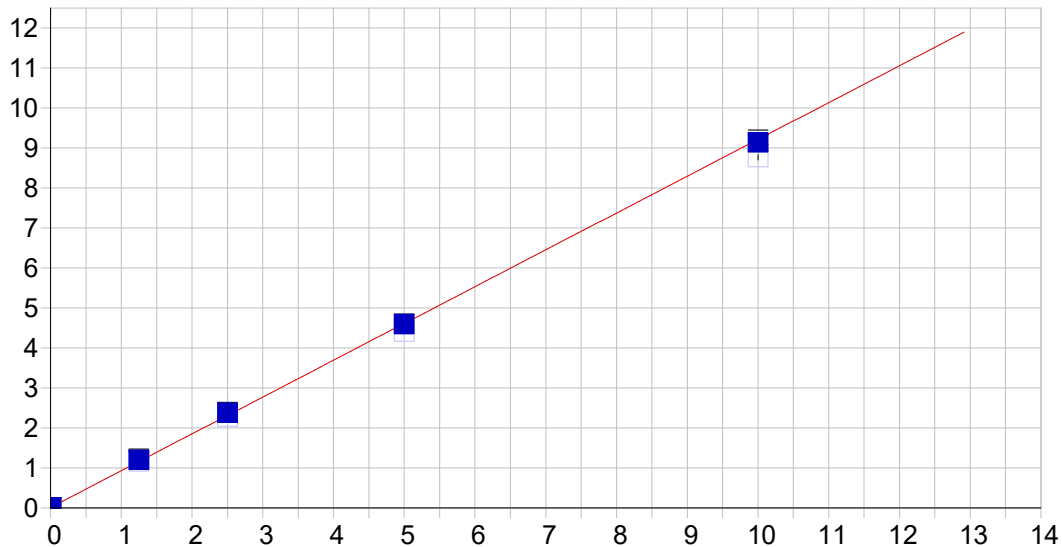


P 177.495 {490}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001119 Re-Slope: 1.000000  
A1 (Gain): 0.049328 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999428 Status: OK.  
Std Error of Est: 0.000027  
Predicted MDL: 0.003738  
Predicted MQL: 0.012460

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00112 | .000    | 1        |
| S1        | .01000       | .01180      | .002       | 18.0    | -.00055 | .000    | 1        |
| S2        | 1.2500       | 1.1675      | -.082      | -6.60   | .05421  | .000    | 1        |
| S3        | 2.5000       | 2.4144      | -.086      | -3.42   | .11344  | .001    | 1        |
| S4        | 5.0000       | 4.8785      | -.122      | -2.43   | .23046  | .000    | 1        |
| S5        | 10.000       | 10.288      | .288       | 2.88    | .48822  | .001    | 1        |

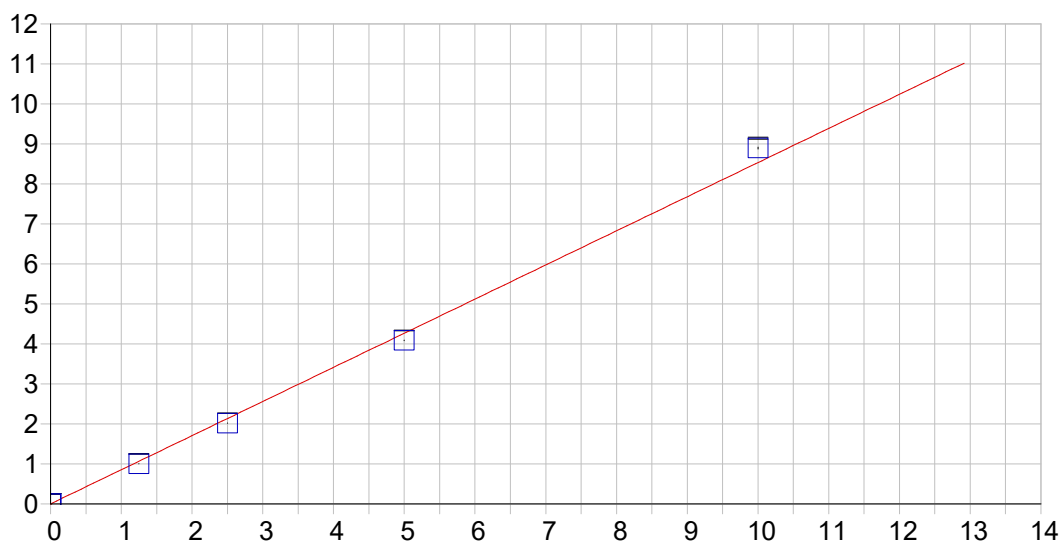


**B 249.678 {135}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010287 Re-Slope: 1.000000  
 A1 (Gain): 0.920498 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999378 Status: OK.  
 Std Error of Est: 0.000523  
 Predicted MDL: 0.001213  
 Predicted MQL: 0.004042

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .01030 | .000    | 1        |
| S1        | .01000       | -.00305     | -.013      | -130.   | .00740 | .001    | 1        |
| S2        | 1.2500       | 1.2956      | .046       | 3.65    | 1.1565 | .019    | 1        |
| S3        | 2.5000       | 2.5716      | .072       | 2.86    | 2.2846 | .013    | 1        |
| S4        | 5.0000       | 4.9782      | -.022      | -.436   | 4.4070 | .009    | 1        |
| S5        | 10.000       | 9.9181      | -.082      | -.819   | 8.7683 | .067    | 1        |

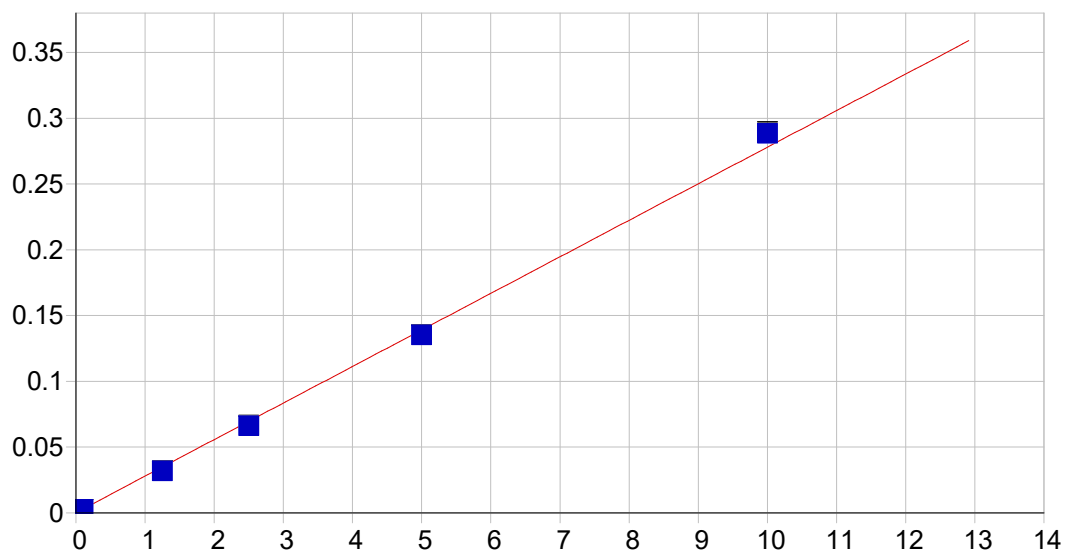


Mo 202.030 {467}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000610 Re-Slope: 1.000000  
 A1 (Gain): 0.853289 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998969 Status: OK.  
 Std Error of Est: 0.000650  
 Predicted MDL: 0.000513  
 Predicted MQL: 0.001711

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00061 | .001    | 1        |
| S1        | .01000       | .00905      | -.001      | -9.45   | .00834 | .000    | 1        |
| S2        | 1.2500       | 1.1727      | -.077      | -6.18   | 1.0013 | .004    | 1        |
| S3        | 2.5000       | 2.3652      | -.135      | -5.39   | 2.0188 | .002    | 1        |
| S4        | 5.0000       | 4.7906      | -.209      | -4.19   | 4.0884 | .010    | 1        |
| S5        | 10.000       | 10.422      | .422       | 4.22    | 8.8940 | .023    | 1        |

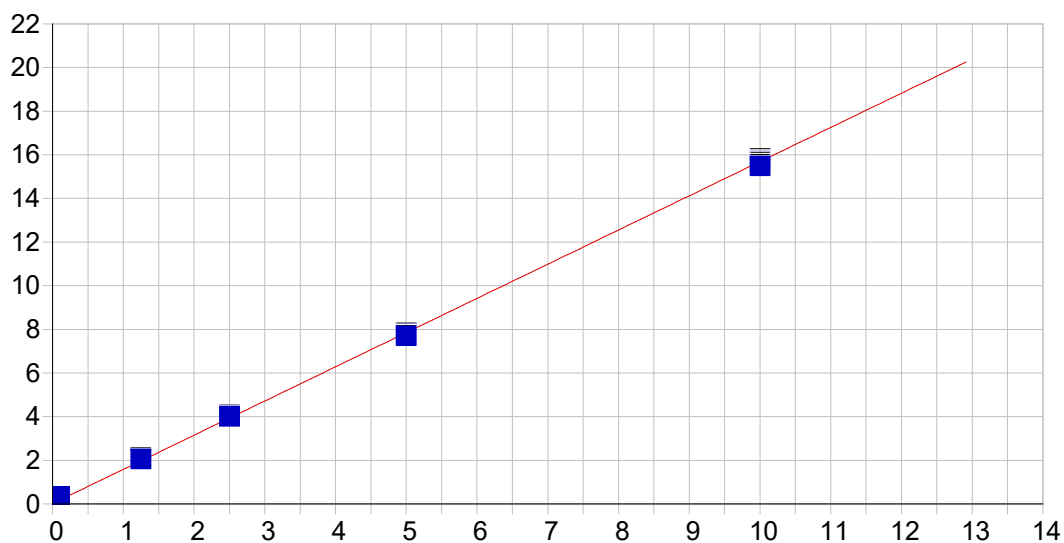


**S 182.034 {485}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000187 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.027785 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999092 | Status:   | OK.      |
| Std Error of Est: | 0.000063 |           |          |
| Predicted MDL:    | 0.006418 |           |          |
| Predicted MQL:    | 0.021392 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .10000       | .09090      | -.009      | -9.10   | .00271 | .000    | 1        |
| S2        | 1.2500       | 1.1423      | -.108      | -8.62   | .03193 | .000    | 1        |
| S3        | 2.5000       | 2.3753      | -.125      | -4.99   | .06619 | .000    | 1        |
| S4        | 5.0000       | 4.8641      | -.136      | -2.72   | .13535 | .000    | 1        |
| S5        | 10.000       | 10.377      | .377       | 3.77    | .28855 | .001    | 1        |

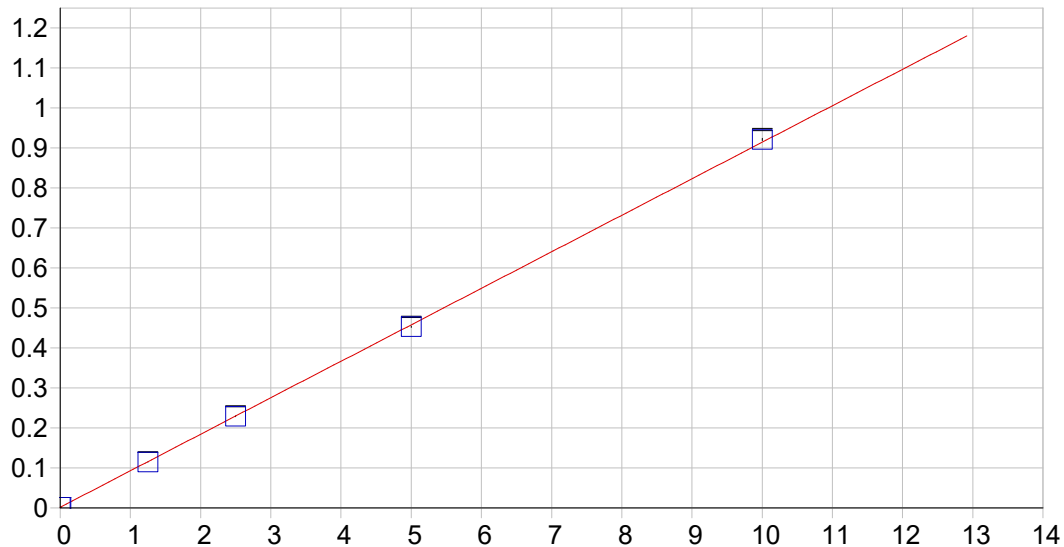


Si 251.611 {134}

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014023 Re-Slope: 1.000000  
 A1 (Gain): 1.567402 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.995660 Status: OK.  
 Std Error of Est: 0.007911  
 Predicted MDL: 0.000616  
 Predicted MQL: 0.002053

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | .01382 | .001    | 1        |
| S1        | .10000       | .22794      | .128       | 128.    | .37234 | .001    | 1        |
| S2        | 1.2500       | 1.3014      | .051       | 4.11    | 2.0855 | .028    | 1        |
| S3        | 2.5000       | 2.5420      | .042       | 1.68    | 4.0617 | .022    | 1        |
| S4        | 5.0000       | 4.9074      | -.093      | -1.85   | 7.8326 | .005    | 1        |
| S5        | 10.000       | 9.8725      | -.128      | -1.28   | 15.742 | .079    | 1        |

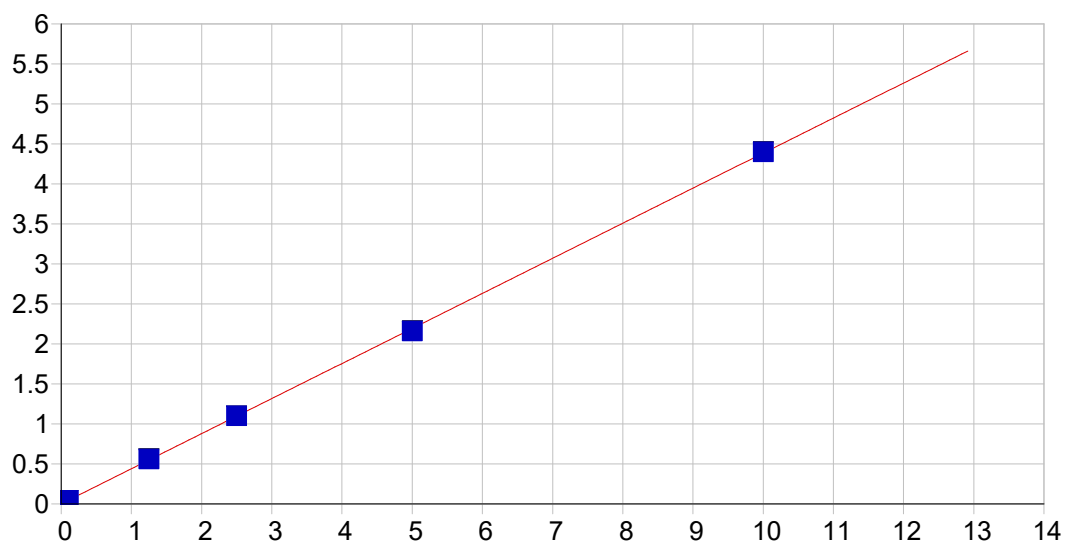


**Sn 189.989 {478}**

Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001633 Re-Slope: 1.000000  
 A1 (Gain): 0.091271 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.001930  
 Predicted MQL: 0.006432

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00163 | .000    | 1        |
| S1        | .00700       | .00523      | -.002      | -25.3   | .00211 | .000    | 1        |
| S2        | 1.2500       | 1.2387      | -.011      | -.902   | .11469 | .000    | 1        |
| S3        | 2.5000       | 2.4927      | -.007      | -.293   | .22914 | .001    | 1        |
| S4        | 5.0000       | 4.9434      | -.057      | -1.13   | .45282 | .002    | 1        |
| S5        | 10.000       | 10.077      | .077       | .769    | .92137 | .003    | 1        |

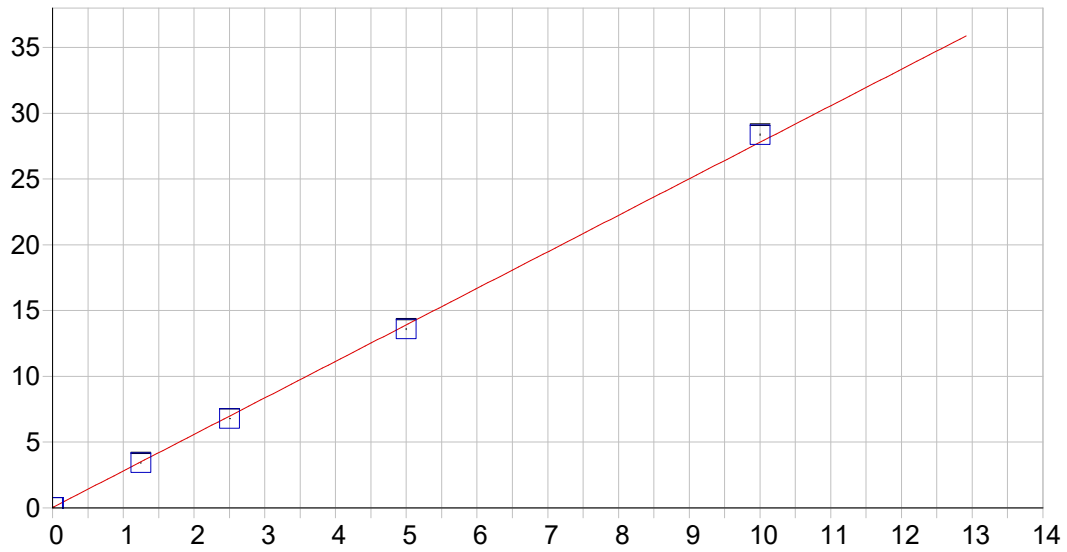


**Ti 336.121 {100}**

Date of Fit: 11/14/2024 12:17:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000913 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.438367 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999946 | Status:   | OK.      |
| Std Error of Est: | 0.000243 |           |          |
| Predicted MDL:    | 0.002012 |           |          |
| Predicted MQL:    | 0.006706 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00091 | .000    | 1        |
| S1        | .10000       | .10579      | .006       | 5.79    | .04727 | .001    | 1        |
| S2        | 1.2500       | 1.2764      | .026       | 2.11    | .56017 | .009    | 1        |
| S3        | 2.5000       | 2.5043      | .004       | .170    | 1.0982 | .001    | 1        |
| S4        | 5.0000       | 4.9284      | -.072      | -1.43   | 2.1603 | .007    | 1        |
| S5        | 10.000       | 10.035      | .035       | .352    | 4.3978 | .004    | 1        |



Li 670.784 { 50}

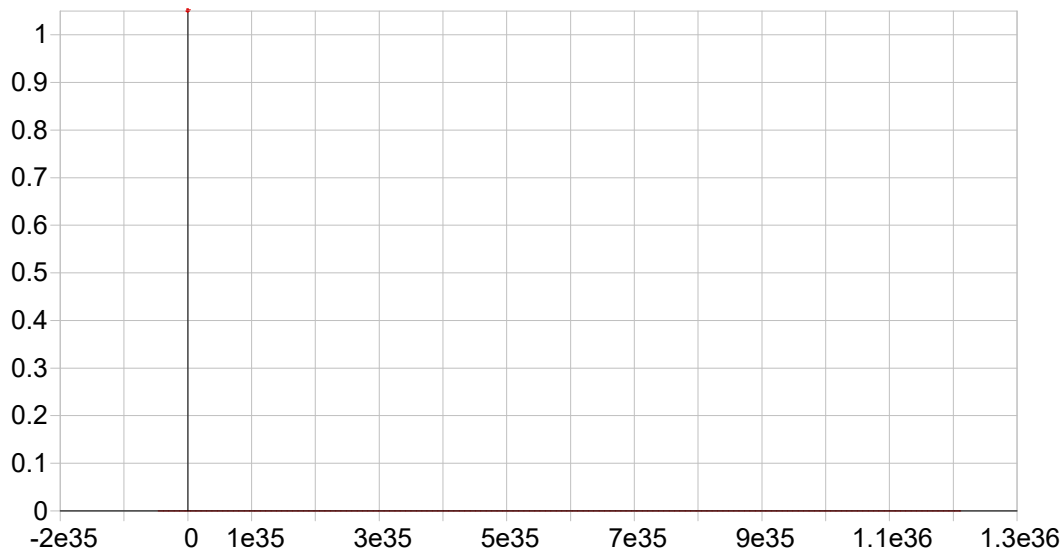
Date of Fit: 11/14/2024 12:17:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033260 Re-Slope: 1.000000  
 A1 (Gain): 2.776322 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999746 Status: OK.  
 Std Error of Est: 0.001284  
 Predicted MDL: 0.001416  
 Predicted MQL: 0.004720

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .03327 | .002    | 1        |
| S5        | 10.000       | 10.209      | .209       | 2.09    | 28.375 | .055    | 1        |
| S4        | 5.0000       | 4.8882      | -.112      | -2.24   | 13.604 | .053    | 1        |
| S3        | 2.5000       | 2.4333      | -.067      | -2.67   | 6.7890 | .005    | 1        |
| S2        | 1.2500       | 1.2220      | -.028      | -2.24   | 3.4258 | .044    | 1        |
| S1        | .01500       | .01301      | -.002      | -13.3   | .06939 | .001    | 1        |



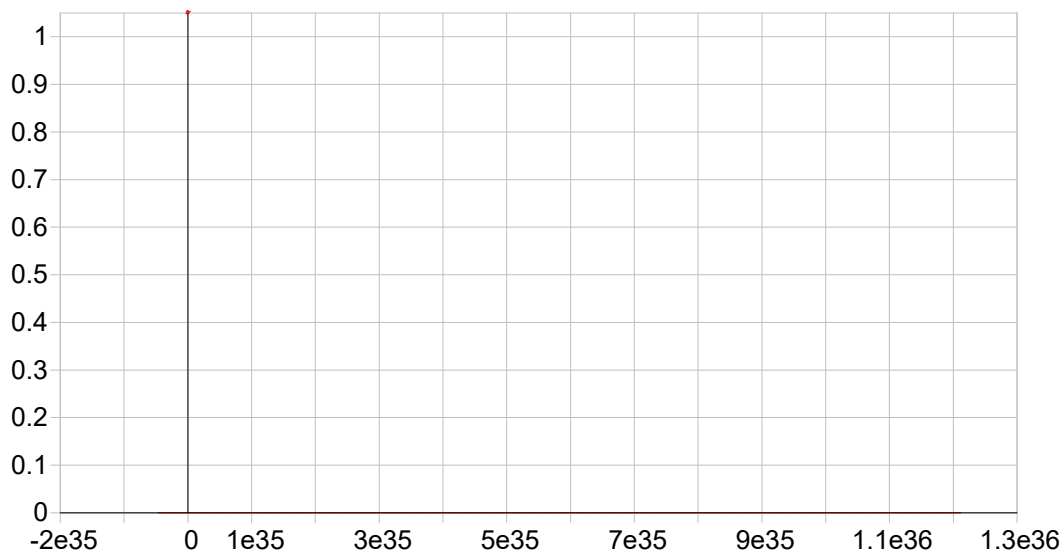




**Y 224.306 {150}\***

| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | Y-int:    | 0.000000   |           |
| A2 (Curvature):   | 0.000000  |              |           |            |           |
| n (Exponent):     | 1.000000  |              |           |            |           |
| Correlation:      | 0.000000  |              | Status:   | Warning    | Zero Gain |
| Std Error of Est: | 0.000000  |              |           |            |           |
| Predicted MDL:    | n/a       |              |           |            |           |
| Predicted MQL:    | n/a       |              |           |            |           |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



In 230.606 {446}<sup>\*</sup>

|              |           |              |           |            |        |
|--------------|-----------|--------------|-----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  |              | Re-Slope: | 1.000000   |        |
| A1 (Gain):   | 0.000000  |              | Y-int:    | 0.000000   |        |

